INTERNATIONALSEARCHREPORT

International application No.

PCT/JP2004/005817

Δ	CLASSIFICATIONOFSUB	JECTMA]	TER

Int.Cl⁷ B21C23/00, B21C23/14, B23K20/12, F17C1/14, H01M8/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ B21C23/00-35/06, F17C1/00-1/16, B23K20/12

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Japanese Utility Model Gazette 1922-1996, Japanese Publication of Unexamined Utility Model Applications 1971-2004, Japanese Registered Utility Model Gazette 1994-2004, Japanese Gazette Containing the Utility Model 1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
JP 2003-13191 A (NGK INSULATORS LTD)	1-29
JP 11-172387 A (FURUKAWA ELECTRIC CO LTD)	1-29
1999.06.29, whole document (Family: none) JP 2001-32058 A (HITACHI METALS LTD)	1-29
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ADVANCED INDUSTRIAL & TECHNOLOGY) 2003.03.05,	
JP 10-160097 A (BOEING NORTH AMERICAN INC)	1-29
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JP 7-243588 A (HINO MOTORS LTD) 1995.09.19,	1-29
claims, fig.4 (Family: none)	
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	Further documents are listed in the continuation of Box C.	See patent family annex.		
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"P"	document published prior to the international filing date but late than the priority date claimed	" "&" document member of the same patent family		
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22.07.2004		10.8.2004		
Name and mailing address of the ISA/JP		Authorized officer . 4E 9832		
Japan Patent Office		YASUNORI TOMINAGA		
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